



EU type-examination certificate (Module B)

212120005/AA/02

Product Category: MED/5.17

Issued 28 August 2023

Date of expiration of validity 27 August 2026

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This certificate has THREE Annexes

In compliance with the procedure specified in the **Marine Equipment Scheme** RD_040, Kiwa Nederland B.V. declares as designated Notified Body 0063 for the Marine Equipment Directive, that the stated product complies with Directive 2014/90/EU and Implementing Regulation (EU) 2022/1157, based on the applicable international instruments and test standards as listed in Annex 2 of this certificate.

Product description:

Portable survival craft VHF radiotelephone

Trademark:

ICOM

Type designation:

IC-GM1600E

This certificate is granted to:

Name:

ICOM Incorporated

Address:

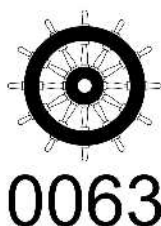
1-1-32 Kamiminami, Hirano-Ku

City:

547-0003 Osaka

Country:

Japan




Ron Scheepers
Managing director



Kiwa Nederland B.V.

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[https://www.kiwa.com/nl/en/markets/
radio-wireless-and-electrical-
equipment/](https://www.kiwa.com/nl/en/markets/radio-wireless-and-electrical-equipment/)

Chamber of commerce
08090048

Annex 1 to EC type-examination certificate

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General conditions

- This EC type-examination certificate is limited to the Marine Equipment Directive.
- Each product to which this certificate relates shall be provided with Marine markings. The Marine marking consists of symbol in the form of a wheel followed by the identification number of the responsible Notified Body for Module D, E, F or G, and by the last two digits of the number of the year in which the mark is affixed.
- The holder of this certificate has drawn up a Declaration of Conformity to type with Directive 2014/90/EU and Implementing Regulations, declaring that the product(s) described in this EC type-examination certificate, satisfy the requirements that apply to them.
- The validity of this EC type-examination certificate is limited to products, which are equal to the one(s) assessed for this EC type-examination.
- Each product shall be identified by means of type, batch and/or serial numbers and the name of the manufacturer and/or importer.
- If the equipment is to be modified, Kiwa shall be notified immediately. Depending on the modifications, Kiwa may have additional examinations carried out in consultation with the applicant.
- Enforcement of a new amending directive or new Implementing Regulation may void the validity of this EC type-examination certificate regarding (re)placement of the product onboard ships.

Remarks and observations

The following conditions are applicable:

This certificate replaces the one issued on the 25th of August, because of an administrative correction.

/01: change of parts.

/02: change of parts.

The product to which this certificate relates includes the following units or equipment:

- IC-GM1600E: VHF radiotelephone
- HM-125: Speaker-microphone
- BP-234: Lithium battery pack (primary battery)
- BP-224: NiCd battery pack
- BP-225: NiCd battery pack
- BP-252: Lithium-ion battery pack
- BC-158: desktop charger
- BC-173: desktop charger
- BC-147E: AC-adaptor
- BC-147SE: AC-adaptor (old version)
- BC-147SE: AC-adaptor (new version)

U.K. representative:

Icom (UK) Ltd.
Blacksole House,
Altira Park, Herne Bay, Kent,
CT6 6GZ, United Kingdom

EU Authorized representative:

Icom (Europe) GmbH
Auf der Krautweide 24
65812
Bad soden am taunus

Annex 1 to EC type-examination certificate

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GERMANY

Annex 2 to EC type-examination certificate

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Documentation lodged for this EC type-examination certificate

Test Reports:

- Telefication B.V.: 99582920, 25 January 2005
- Telefication B.V.: 99582930, 25 January 2005
- Telefication B.V.: 20082368200, 10 June 2008
- Telefication B.V.: 20082368300, 10 June 2008
- Telefication B.V.: 160500998-1 V1.50, 25 July 2016
- Kiwa Nederland B.V.: P000214234 Ver 1.00, 17 July 2023
- Kiwa Nederland B.V.: P000214234 01 Ver 2.10, 01 August 2023
- Kiwa Primara GmbH: 22PP668-01_0, 03 February 2023

Product Documentation:

- Assembly drawings
- Bill of materials
- Block diagram
- Electrical diagrams
- Internal photos
- External photos
- Manual
- Technical description or data sheets
- Label and label placement
- Risk assessment

International Instruments and test standards

The product is compliant with:

EN 60945	October, 2002	Edition 4
IEC 60945/Corrigendum 1	April, 2008	Edition 4
IEC 61097-12	July, 2017	Edition 1.1
IMO Resolution A.694(17)	1991	
IMO Resolution A.809(19)	1995	
ITU-R M.489-2	October, 1995	
MSC Resolution 149(77)	June, 2003	
MSC Resolution 36(63)	May, 1994	
MSC Resolution 515(105)	April, 2022	
MSC Resolution 97(73)	December, 2000	

Annex 2 to EC type-examination certificate

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Technical features and characteristics

The product includes the following features and characteristics:

VHF equipment

- Operating frequency range: 156.3 - 156.875 MHz
- Modulation method(s): 16K0G3E
- Maximum output power: 2 Watt
- Temperature range: -20°C to +55°C; storage -30°C to +70°C

Annex 3 to EC type-examination certificate

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The product as described in this certificate includes the following type designations:

- | | |
|------------------------|--|
| - Product description: | Portable survival craft VHF radiotelephone |
| - Trademark: | ICOM |
| - Type designation: | IC-GM1600E |